



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHODS FOR PRODUCING HEMATOPOIETIC STEM CELLS OR VASCULAR ENDOTHELIAL PRECURSOR CELLS, the specification of which was filed in the U.S. Patent and Trademark Office on June 2, 2006 and has been assigned U.S. Patent Application No. 10/581,393.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37 CFR 1.56(a).

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventors certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate of any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed.

- (d) ☐ No such applications have been filed.
(e) ☒ Such applications have been filed as follows.

Earliest Foreign Application(s), if any, filed prior to this U.S. Application

Country	Application No.	Date of Filing (Day, Month, Year)	Priority Claimed
Japan	2003-406527	December 4, 2003	Yes

All Foreign Application(s), if any, Filed More Than 12 Months
(6 Months for Design) Prior to This U.S. Application)

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (35 U.S.C. § 119(E))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)
(UNDER 35 U.S.C. 120)**

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application.

**PRIOR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120**

Applications		
Application No.	Filing Date	Priority Claimed
PCT/JP2004/016470	October 29, 2004	Yes

I hereby appoint the attorneys and agents associated with the Customer Number below, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

☒ Customer Number: 23483

SEND CORRESPONDENCE TO:

Ann-Louise Kerner, Ph.D.
Wilmer Cutler Pickering Hale and Dorr LLP
60 State Street
Boston, MA 02109
Telephone No.: (617) 525-6000
Facsimile No.: (617) 526-5000

DIRECT ALL TELEPHONE CALLS TO:

Name: Ann-Louise Kerner, Ph.D.
Tel. No. (617) 525-6000

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of SOLE OR FIRST INVENTOR: Atsushi MIYAJIMA

Inventor's Signature Atsushi Miyajima Date Jan 15/2007

Country of Citizenship: Japan

Residence : 31-33 Tateno-cho, Nerima-ku, Tokyo, Japan 177-0054

Post Office Address: same as residence

Full name of SECOND JOINT INVENTOR: Masaki TAKEUCHI

Inventor's Signature Masaki Takeuchi Date Jan 17/2007

Country of Citizenship: Japan

Residence : 3-26-20 Oka, Asaka-shi, Saitama, Japan 351-0007

Post Office Address: same as residence

Full name of THIRD JOINT INVENTOR: Ichiro YAHARA

Inventor's Signature _____ Date _____

Country of Citizenship: Japan

Residence : 5-22 Fujizuka 1-chome; Kohoku-ku, Yokohama-shi, Kanagawa, Japan 222-0012

Post Office Address: same as residence

Full name of FOURTH JOINT INVENTOR: Tomoya OKABE

Inventor's Signature _____ Date _____

Country of Citizenship: Japan

Residence : 407-3 Oaza Obara; Takatomachi, Kamiina-gun, Nagano, Japan 396-0215

Post Office Address: same as residence

Full name of FIFTH JOINT INVENTOR: Izumi ONITSUKA

Inventor's Signature _____ Date _____

Country of Citizenship: Japan

Residence : 23-11 Higashimotomachi 3-chome, Kokubunji-shi, Tokyo, Japan 185-0022

Post Office Address: same as residence

SIGNATURE(S)

Full name of SOLE OR FIRST INVENTOR: Atsushi MIYAJIMA

Inventor's Signature _____ Date _____

Country of Citizenship: Japan

Residence : 31-33 Tateno-cho, Nerima-ku, Tokyo, Japan 177-0054

Post Office Address: same as residence

Full name of SECOND JOINT INVENTOR: Masaki TAKEUCHI

Inventor's Signature _____ Date _____

Country of Citizenship: Japan

Residence : 3-26-20 Oka, Asaka-shi, Saitama, Japan 351-0007

Post Office Address: same as residence

Full name of THIRD JOINT INVENTOR: Ichiro YAHARA

Inventor's Signature Ichiro Yahara Date August 20, 2007

Country of Citizenship: Japan

Residence : 5-22 Fujizuka 1-chome; Kohoku-ku, Yokohama-shi, Kanagawa, Japan 222-0012

Post Office Address: same as residence

Full name of FOURTH JOINT INVENTOR: Tomoya OKABE

Inventor's Signature Tomoya Okabe Date August 15, 2007

Country of Citizenship: Japan

Residence : 407-3 Oaza Obara; Takatomachi, Kamiina-gun, Nagano, Japan 396-0215

Post Office Address: same as residence

Full name of FIFTH JOINT INVENTOR: Izumi ONITSUKA

Inventor's Signature Izumi Onitsuka Date August 7, 2007

Country of Citizenship: Japan

Residence : 23-11 Higashimotomachi 3-chome, Kokubunji-shi, Tokyo, Japan 185-0022

Post Office Address: same as residence